Serial No. 10/720,559

Amendment Filed April 7, 2005

Reply to Office Action Dated January 11, 2005

## Amendment to the Claims:

This Listing of the Claims Replaces all prior Versions and Listings of the Claims in the Application.

## **Listing of the Claims:**

Claim 1 (Currently Amended): A walk-behind mower comprising:

a deck;

a handle fastened to the deck;

a plurality of wheels associated with the deck;

a first electric motor operatively coupled with at least one of said wheels and being configured to rotate said coupled wheel;

an operator interface attached to the handle for receiving input from an operator;

an internal combustion engine associated with the deck and having a drive shaft;

a generator operatively coupled to the engine, the generator being configured to generate electrical power for use in operating the first electric motor; and

a motion controller configured to receive electrical power from the generator and for selectively directing the electrical power to the first electric motor in response to input at the operator interface.

Claim 2 (Original): The walk-behind mower of claim 1 wherein the generator is integral with the engine.

Claim 3 (Original): The walk-behind mower of claim 2 wherein the generator includes a rotor and a coil assembly, the rotor being rotationally movable with respect to the coil

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assembly, the rotor and coil assembly being at least partially integrated with the engine such that the rotational movement of the rotor provides sufficient inertia in the engine to facilitate ongoing engine operation.

Claim 4 (Original): The walk-behind mower of claim 1 wherein the generator is separate from the engine.

Claim 5 (Original): The walk-behind mower of claim 1 further comprising a mowing blade.

Claim 6 (Original): The walk-behind mower of claim 5 further comprising a clutch, the clutch being operative to interface the drive shaft with the mowing blade, wherein the clutch is configured to selectively disengage the mowing blade from the drive shaft.

Claim 7 (Original): The walk-behind mower of claim 1 wherein two of said plurality of wheels are operatively coupled to the first electric motor, the first electric motor being configured to rotate said two coupled wheels.

Claim 8 (Original): The walk-behind mower of claim 1 wherein only one of said plurality of wheels is operatively coupled to the first electric motor, the first electric motor being configured to rotate said one coupled wheel.

Claim 9 (Original): The walk-behind mower of claim 8 further comprising a second electric motor, the second electric motor being operatively coupled with another of said plurality of wheels and being configured to rotate the another coupled wheel.

Claim 10 (Original): The walk-behind mower of claim 9 wherein the motion controller is further configured for selectively directing the electrical power to the second electric motor.

Claim 11 (Original): The walk-behind mower of claim 1 wherein the motion controller comprises a variable speed motor controller.

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Claim 12 (Currently Amended): A mower having a hybrid propulsion system, the mower

comprising:

a first drive wheel;

a second drive wheel;

a first electric motor operatively coupled with the first drive wheel and being

configured to rotate the first drive wheel;

a second electric motor operatively coupled with the second drive wheel and being

configured to rotate the second drive wheel;

an operator interface being configured to provide an operator with an ability to direct

the operation of the first and second electric motors;

an internal combustion engine;

a generator operatively coupled to the engine, wherein the generator is at least

partially integral with the engine and is being configured to generate electrical power for use

in operating the first and second electric motors; and

a motion controller configured to receive electrical power from the generator and for

independently operating each of the first and second electric motors in response to signals

from the operator interface, wherein the independent operation of the first and second electric

motors facilitates steering of the mower.

Claim 13 (Canceled).

The walk-behind mower of claim 12 13 wherein the Claim 14 (Currently Amended):

generator includes a rotor and a coil assembly, the rotor being rotationally movable with

respect to the coil assembly, the rotor and coil assembly being at least partially integrated

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with the engine such that the rotational movement of the rotor provides sufficient inertia in the engine to facilitate ongoing engine operation.

Claim 15 (Canceled).

Claim 16 (Original): The mower of claim 12 wherein the motion controller comprises first and second variable speed motor controllers.

Claim 17 (Original): The mower of claim 12 wherein the mower is a zero-turn radius mower.

Claim 18 (Original): The mower of claim 12 wherein the mower is a riding mower.

Claim 19 (Original): The mower of claim 12 wherein the mower is a walk-behind mower.

Claim 20 (Original): A power equipment apparatus having a hybrid propulsion system, the power equipment apparatus comprising:

a driven element;

an actuator operatively coupled to the driven element;

an operator interface for receiving input from an operator;

an internal combustion engine;

a generator having a rotor and a coil assembly, the rotor being rotationally movable with respect to the coil assembly, the rotor and coil assembly being at least partially integrated with the engine such that the rotational movement of the rotor provides sufficient inertia in the engine to facilitate ongoing engine operation, the generator being configured to generate electrical power for use in operating the actuator; and

a motion controller configured to receive electrical power from the generator and for selectively directing this electrical power to the actuator in response to input at the operator interface.

Claim 21 (Original): The power equipment apparatus of claim 20 wherein the driven element comprises a wheel.

Claim 22 (Original): The power equipment apparatus of claim 20 wherein the actuator comprises an electric motor.

Claim 23 (Original): The power equipment apparatus of claim 22 wherein the motion controller comprises a variable speed motor controller.

Claim 24 (Currently Amended): A walk-behind <u>mower lawnmower</u> comprising:

a handle fastened to a deck and supporting a drive lever;

a plurality of wheels associated with the deck, wherein at least one of said wheels is operatively coupled to a single electric motor configured to rotate said coupled wheel;

an internal combustion engine associated with the deck and having a drive shaft;

a mowing blade mechanically coupled to the drive shaft;

a generator operatively coupled to the engine, wherein the generator is at least partially integral with the engine and is configured to generate electrical power; and,

a motion controller configured to receive electrical power from the generator and to selectively facilitate provision of this electrical power to the electric motor in response to engagement by an operator of the drive lever.